

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|-------------------------|---|------------------|---------|---------------------|
| L2 | 2 | ("20040178482").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/13 09:10 |
| L3 | 2 | ("20040124539").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/13 09:12 |
| S1 | 1 | "10598514" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:21 |
| S2 | 842169 | package | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:23 |
| S3 | 1820343 | chip die | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:23 |
| S4 | 159802 | S3 near5 (first second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:25 |
| S5 | 45456 | S2 and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:25 |

| | | | | | | |
|-----|-------|---|---|----|----|---------------------|
| S6 | 32444 | S5 and (substrate PCB PWB) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:26 |
| S7 | 18025 | S6 and ((substrate pcb pwb near5 (first second)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:27 |
| S8 | 10270 | S7 and (adhesive or (die near attach)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:28 |
| S9 | 3818 | S8 and ((adhesive or (die near attach)) near5 (first second)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:29 |
| S10 | 1900 | S9 and (stack\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:29 |
| S11 | 371 | S10 and ((substrate PCB PWB) near5 (open\$3 window)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:31 |
| S12 | 189 | S11 and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:33 |
| S13 | 35 | S12 and (substrate with conductive with trace) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 13:55 |
| S14 | 8 | S12 and (interpos\$3 with trace) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 14:22 |

| | | | | | | |
|-----|------|---|---|----|----|---------------------|
| S15 | 8 | S12 and ((interpos\$3 redistribut\$3) with trace) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 14:44 |
| S16 | 1748 | ((interpos\$3 redistribut\$3) with trace) and package | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 14:48 |
| S17 | 70 | S10 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 14:48 |
| S18 | 31 | S17 and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 14:48 |
| S19 | 293 | (interpos\$3 with redistribut \$3) and package | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 14:56 |
| S20 | 33 | S10 and S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 14:57 |
| S21 | 12 | S20 and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 14:57 |
| S22 | 73 | Package and (redistribution with trace) and (stack\$2 with (die chip)) and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 15:08 |
| S23 | 369 | Package and (redistribution with trace) and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 15:26 |

| | | | | | | |
|-----|-----|--|---|----|-----|---------------------|
| S24 | 296 | S23 not S22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 15:26 |
| S25 | 24 | ("20020005577" "20020172024" "5291061" "5323060" "5952725" "5998860" "6091140" "6118176" "6258626" "6343019" "6531784" "6650009").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 15:38 |
| S26 | 2 | ("20050239234").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/05 14:30 |
| S27 | 369 | Package and (redistribution with trace) and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 14:36 |
| S28 | 104 | 11/030998 11/094623 11/181748 10/555054 10/559943 10/565624 11/341464 11/341673 11/276684 11/394263 10/576273 11/430844 11/479373 10/585733 10/585744 11/485334 11/486244 11/487234 10/586543 11/493583 11/494484 11/495653 11/463443 11/463824 11/502094 11/466773 11/513258 11/519754 10/598934 11/521553 11/524244 11/526464 11/526484 10/599609 11/588483 11/556448 11/593408 11/579944 11/598374 11/603224 11/603804 11/597613 11/604694 11/564588 11/607583 11/566274 11/607874 11/633493 11/608054 11/635874 11/611493 11/611664 11/640154 11/612213 11/643404 11/643144 11/615923 11/644883 11/646718 11/646248 11/646948 11/618453 11/618593 11/618974 | US-PGPUB | OR | ON | 2009/03/05 14:59 |

| | | | | | | |
|-----|-----|--|----------|----|----|---------------------|
| | | 11/632594 11/625474 11/657347 11/627219 10/598514 11/659158 11/675378 11/688338 11/785024 11/787144 10/581263 11/787554 11/789503 11/790854 11/744384 11/800914 11/801023 11/801443 11/801823 11/798563 11/798703 11/798704 10/580324 11/756163 11/579194 11/776584 11/779424 11/780253 11/782503 11/578304 PCT/ US07/23179 11/629703 11/236884 11/793184 12/128161 12/129652 12/202171 | | | | |
| S29 | 100 | (11/030998 11/094623 11/181748 10/555054 10/559943 10/565624 11/341464 11/341673 11/276684 11/394263 10/576273 11/430844 11/479373 10/585733 10/585744 11/485334 11/486244 11/487234 10/586543 11/493583 11/494484 11/495653 11/463443 11/463824 11/502094 11/466773 11/513258 11/519754 10/598934 11/521553 11/524244 11/526464 11/526484 10/599609 11/588483 11/556448 11/593408 11/579944 11/598374 11/603224 11/603804 11/597613 11/604694 11/564588 11/607583 11/566274 11/607874 11/633493 11/608054 11/635874 11/611493 11/611664 11/640154 11/612213 11/643404 11/643144 11/615923 11/644883 11/646718 11/646248 11/646948 11/618453 11/618593 11/618974 11/632594 11/625474 11/657347 11/627219 10/598514 11/659158 11/675378 11/688338 11/785024 11/787144 10/581263 11/787554 11/789503 11/790854 | US-PGPUB | OR | ON | 2009/03/05 14:59 |

| | | | | | | |
|-----|---|---|----------|----|----|---------------------|
| | | 11/744384 11/800914 11/801023 11/801443 11/801823 11/798563 11/798703 11/798704 10/580324 11/756163 11/579194 11/776584 11/779424 11/780253 11/782503 11/578304 PCT/ US07/23179 11/629703 11/236884 11/793184 12/128161 12/129652 12/202171).app. | | | | |
| S30 | 2 | (11/030998 11/094623 11/181748 10/555054 10/559943 10/565624 11/341464 11/341673 11/276684 11/394263 10/576273 11/430844 11/479373 10/585733 10/585744 11/485334 11/486244 11/487234 10/586543 11/493583 11/494484 11/495653 11/463443 11/463824 11/502094 11/466773 11/513258 11/519754 10/598934 11/521553 11/524244 11/526464 11/526484 10/599609 11/588483 11/556448 11/593408 11/579944 11/598374 11/603224 11/603804 11/597613 11/604694 11/564588 11/607583 11/566274 11/607874 11/633493 11/608054 11/635874 11/611493 11/611664 11/640154 11/612213 11/643404 11/643144 11/615923 11/644883 11/646718 11/646248 11/646948 11/618453 11/618593 11/618974 11/632594 11/625474 11/657347 11/627219 10/598514 11/659158 11/675378 11/688338 11/785024 11/787144 10/581263 11/787554 11/789503 11/790854 11/744384 11/800914 11/801023 11/801443 11/801823 11/798563 11/798703 11/798704 10/580324 11/756163 11/579194 11/776584 11/779424 11/780253 | US-PGPUB | OR | ON | 2009/03/05 15:00 |

| | | | | | | |
|-----|-----|---|---|----|----|---------------------|
| | | 11/782503 11/578304 PCT/ US07/23179 11/629703 11/236884 11/793184 12/128161 12/129652 12/202171).ctx. | | | | |
| S31 | 294 | (interpos\$3 with redistribut \$3) and package | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:47 |
| S32 | 169 | S31 and (@ad<"20040303" or @pd<"20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:47 |
| S33 | 7 | (interpos\$3 with redistribut \$3 with metal) and package and (@ad<"20040303" or @pd<"20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:50 |
| S34 | 40 | (interpos\$3 same redistribut \$3 same metal) and package and (@ad<"20040303" or @pd<"20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:53 |
| S35 | 33 | S34 not S33 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:54 |
| S36 | 0 | ((interpos\$3 near2 metal) with redistributon) and package and (@ad<"20040303" or @pd<"20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:57 |
| S37 | 0 | ((interpos\$3 near5 metal) with redistributon) and package and (@ad<"20040303" or @pd<"20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:57 |
| S38 | 0 | ((interpos\$3 near2 metal) same redistributon) and package and (@ad<"20040303" or @pd<"20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:57 |

| | | | | | | |
|-----|-------|--|---|----|-----|---------------------|
| S39 | 654 | (interpos\$3 near2 metal) and package and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:58 |
| S40 | 49 | (interpos\$3 near2 metal) and package and (stack\$2 near4 (die chip)) and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/05 18:59 |
| S41 | 2893 | 257/678.ccls. and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/06 11:52 |
| S42 | 499 | S41 and (stack\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/06 11:52 |
| S43 | 23607 | "20030701" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/06 12:11 |
| S44 | 2 | "10611390" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/06 12:11 |
| S45 | 2 | "6952047".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/06 12:12 |
| S46 | 2 | "20040108581" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/06 12:14 |
| S47 | 4 | 10/611390 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/12 22:38 |

| | | | | | | |
|-----|---------|--------------------------------|---|----|-----|---------------------|
| S48 | 2 | ("20040018661").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/12 22:50 |
| S49 | 2 | "5422435".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/12 22:51 |
| S50 | 3 | "20050104209" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/12 23:10 |
| S51 | 2 | ("20050104209").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/12 23:10 |
| S52 | 888683 | package | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S53 | 1915120 | chip die | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S54 | 168270 | S53 near5 (first second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S55 | 48831 | S52 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S56 | 35032 | S55 and (substrate PCB PWB) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |

| | | | | | | |
|-----|-------|---|---|----|-----|---------------------|
| S57 | 19549 | S56 and ((substrate pcb pwb) near5 (first second)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S58 | 11089 | S57 and (adhesive or (die near attach)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S59 | 4140 | S58 and ((adhesive or (die near attach)) near5 (first second)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S60 | 2090 | S59 and (stack\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S61 | 413 | S60 and ((substrate PCB PWB) near5 (open\$3 window)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S62 | 189 | S61 and (@ad< "20040303" or @pd< "20060129") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S63 | 35 | S62 and (substrate with conductive with trace) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S64 | 28 | S63 and (@ad< "20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/12 23:38 |
| S65 | 24 | ("20020005577" "20020172024" "5291061" "5323060" "5952725" "5998860" "6091140" "6118176" "6258626" "6343019" "6531784" "6650009").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/13 00:12 |

| | | | | | | |
|-----|-----|---|---|----|----|---------------------|
| S66 | 85 | (redistribution near3 (wafer chip)) and (stack\$2 with (die chip)) and (@ad< "20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 00:26 |
| S67 | 0 | S66 and (metal\$3 near3 interposer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 00:42 |
| S68 | 58 | (metal\$3 near3 interposer) and (stack\$2 with (die chip)) and (@ad< "20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 00:43 |
| S69 | 35 | (metal\$3 near2 interposer) and (stack\$2 with (die chip)) and (@ad< "20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 01:07 |
| S70 | 9 | Package and (metal\$3 adj interposer) and (@ad< "20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 01:17 |
| S71 | 18 | (metal\$3 with interposer with trace with pad) and (@ad< "20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 01:21 |
| S72 | 24 | ("20020005577" "20020172024" "5291061" "5323060" "5952725" "5998860" "6091140" "6118176" "6258626" "6343019" "6531784" "6650009").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 01:37 |
| S73 | 2 | 10/206720 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 01:41 |
| S74 | 100 | ((encapsula\$4 or mold) with liquid with transfer).clm. and (@ad< "20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 01:57 |

| | | | | | | |
|-----|----|---|---|----|-----|---------------------|
| S75 | 2 | ("20030197284").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/13 02:03 |
| S76 | 0 | ((encapsula\$4 or mold) with liquid with transfer with lid). clm. and (@ad<"20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 02:11 |
| S77 | 1 | ((encapsula\$4 or mold) with liquid with transfer with cover).clm. and (@ad<"20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 02:11 |
| S78 | 29 | ((encapsula\$4 or mold) near2 liquid) and ((encapsula \$4 or mold) near2 transfer)). clm. and (@ad<"20040303") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 02:16 |
| S79 | 0 | ((interpos\$3 adj metal) with adhesive).clm. and @ad<"20040303" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 02:54 |
| S80 | 5 | ((interpos\$3 adj metal) and adhesive).clm. and @ad<"20040303" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 02:54 |

10/ 13/ 2009 9:18:43 AM

C:\ Documents and Settings\ sahed7\ My Documents\ EAST\ Workspaces\ 10598514.wsp